

AMENDMENTS TO THE CLAIMS:

Please amend claims 13, 15, 20, and 22, and add new claim 28, as shown below.

This listing of claims will replace all prior versions and listings of claims in the Application.

Claims 1 - 12 (cancelled)

Claim 13 (currently amended): A Magnus type wind power generator comprising a horizontal rotary shaft that transmits a rotation torque to a power generating mechanism, a plurality of rotary cylindrical columns that are disposed radially from said horizontal rotary shaft, and driving motors that rotatively drive said respective rotary cylindrical columns about axes thereof, wherein Magnus lift generated by interactions between the rotations of said respective rotary columns and wind power is caused to rotate said horizontal rotary shaft to drive said power generating mechanism, wherein each said ~~wind power generator further comprises an air flow device in the form of~~ rotary cylindrical column has a rib wound around said rotary cylindrical column in a continuous spiral shape extending from an outer peripheral surface of said rotary cylindrical column, and wherein said rib ~~which~~ generates an air flow component at least parallel with an axis of said rotary cylindrical column upon the outer peripheral surface of said rotary cylindrical column, so as to increase the Magnus lift.

Claim 14 (cancelled)

Claim 15 (currently amended): The Magnus type wind power generator according to claim 13, wherein said ~~air flow device generates an~~ air flow component parallel with the axis of said rotary cylindrical column is generated ~~and~~ in a direction departing from said horizontal rotary shaft upon the outer peripheral surface of said rotary cylindrical column.

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Claim 16 (previously presented): The Magnus type wind power generator according to claim 13, wherein said air flow device generates an air flow component parallel with the axis of said rotary cylindrical column and in a direction toward said horizontal rotary shaft upon the outer peripheral surface of said rotary cylindrical column.

Claim 17-18 (cancelled)

Claim 19 (previously presented): The Magnus type wind power generator according to claim 13, wherein an end cap larger in diameter than said rotary column is provided upon an extreme end of said rotary cylindrical column.

Claim 20 (currently amended): The Magnus type wind power generator according to claim 13[[18]], wherein the rib is constructed by a multi-streak spiral.

Claim 21 (previously presented): The Magnus type wind power generator according to claim 13, wherein a plurality of dimples are provided upon the outer peripheral surface of said rotary cylindrical column.

Claim 22 (currently amended): The Magnus type wind power generator according to claim 13[[18]], wherein dimples or projections are formed upon an outer surface of an extreme end of said rib.

Claim 23 (previously presented): The Magnus type wind power generator according to claim 13, wherein said rotary cylindrical column is supported for extension and contraction in the radial direction with respect to said horizontal rotary shaft.

Claim 24 (previously presented): The Magnus type wind power generator according to claim 13, wherein said driving motors are fewer in number than the number of said rotary cylindrical columns and are used to drive rotatively said respective rotary cylindrical columns simultaneously.

Claim 25 (previously presented): A Magnus type wind power generator comprising a horizontal rotary shaft that transmits a rotation torque to a power generating mechanism, a plurality of rotary cylindrical columns that are disposed radially from said horizontal rotary shaft, and driving motors that rotatively drive said respective rotary cylindrical columns about axes thereof, wherein Magnus lift generated by interactions between the rotations of said respective rotary columns and wind power is caused to rotate said horizontal rotary shaft to drive said power generating mechanism, wherein at a predetermined position is provided an air flow device in the form of a rib extending from an outer peripheral surface of said rotary cylindrical surface of each said rotary cylindrical columns that generates an air flow upon the outer peripheral surface of said rotary cylindrical column so as to increase the Magnus lift, and wherein said rotary cylindrical column is supported for extension and contraction in the radial direction with respect to said horizontal rotary shaft.

Claim 26 (previously presented): The Magnus type wind power generator according to claim 25, wherein an end cap larger in diameter than said rotary column is provided upon an extreme end of said rotary cylindrical column.

Claim 27 (previously presented): The Magnus type wind power generator according to claim 25, wherein a plurality of dimples are provided upon the outer peripheral surface of said rotary cylindrical column.

Claim 28 (new): The Magnus type wind power generator according to claim 13, wherein said rib is wound around said rotary cylindrical column in a plural number of turns.

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